

Department of Energy  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

0056066

02-WMD-040

NOV 19 2001

Mr. Douglas R. Sherwood  
Hanford Project Manager  
U.S. Environmental Protection Agency  
712 Swift Boulevard, Suite 5  
Richland, Washington 99352

RECEIVED  
JAN 08 2002  
EDMC

Dear Mr. Sherwood:

TRANSMITTAL OF SUPPLEMENT TO THE DRILLING, SAMPLING AND ANALYSIS  
PLAN FOR INSTALLATION OF A WELL WITHIN THE VICINITY OF THE PLUTONIUM  
FINISHING PLANT, DOE/RL-2001-37, REV. 0

55411

Attached is the subject document for your information. This supplement to the drilling, sampling, and analysis plan describes how the requirements of the plan will be applied to the installation of the well at the alternate location within the Plutonium Finishing Plant protected area. The supplement includes a revised project schedule for completing the well drilling activities by January 31, 2002. The U.S. Department of Energy, Richland Operations Office, and the U. S. Environmental Protection Agency have concurred with this supplement to the plan.

If you have any questions, please contact me on 373-9631.

Sincerely,

Arlene C. Tortoso, Project Manager  
Waste Management Division

WMD:ACT

Attachment

cc w/attach:  
D. A. Faulk, EPA  
D. Goswami, Ecology  
M. Harmon, EM-40  
J. A. Hedges, Ecology  
Administrative Record

cc w/o attach:  
G. B. Mitchem, BHI  
V. J. Rohay, CHI

Supplement to the Drilling, Sampling, and Analysis Plan for Installation of a Well Within  
the Vicinity of the Plutonium Finishing Plant, DOE/RL-2001-37, Rev. 0.

Concurrences:

A. C. Tortoso

U.S. Department of Energy, Richland Operations Office

Arlene C. Tortoso

11/05/01

Signature

Date

D. A. Faulk

U.S. Environmental Protection Agency

Don Faulk

11-5-01

Signature

Date

Supplement to the Drilling, Sampling, and Analysis Plan for Installation of a Well Within the Vicinity of the Plutonium Finishing Plant, DOE/RL-2001-37, Rev. 0.

Well C3494 (299-W15-764) was being drilled at the preferred location within the Plutonium Finishing Plant protected area, per the requirements of the Drilling, Sampling, and Analysis Plan for Installation of a Well Within the Vicinity of the Plutonium Finishing Plant, DOE/RL-2001-37, Rev. 0. As a result of technical complications (unacceptable deviation of the borehole from vertical), well C3494 must be decommissioned and a new well drilled. This supplement to the drilling, sampling, and analysis plan is being used to formally communicate how the requirements of the plan will be applied to installation of the new well and to obtain the concurrence of the U.S. Department of Energy, Richland Operations Office (DOE-RL), and the U.S. Environmental Protection Agency (EPA).

The new well will be installed in accordance with the following:

- The well will be drilled at the alternate location shown on Figure 1-2 of DOE/RL-2001-37, Rev. 0 (figure attached).
- The same strategy for drilling, sampling, and analysis as specified in DOE/RL-2001-37, Rev. 0 (e.g., the same decision rules and sample design) will be applied to the new well.
- The new well number will be C3803 and the new well name will be 299-W15-42.
- The Waste Management Plan for the Expedited Response Action for 200 West Area Carbon Tetrachloride Plume and the 200-ZP-1 and 200-PW-1 Operable Units, DOE/RL-2000-40, Rev. 1, will govern wastes generated from well 299-W15-42. The waste management plan will be updated and provided for DOE-RL and EPA concurrence.
- The new well may be installed with welded temporary casing rather than threaded temporary casing. The initial 20 ft of the well may be drilled rather than installed by alternate means (i.e., by use of the guzzler). (Modifications to DOE/RL-2001-37, p. 4-6)
- The revised anticipated schedule for completion of this project is as shown in the following figure:

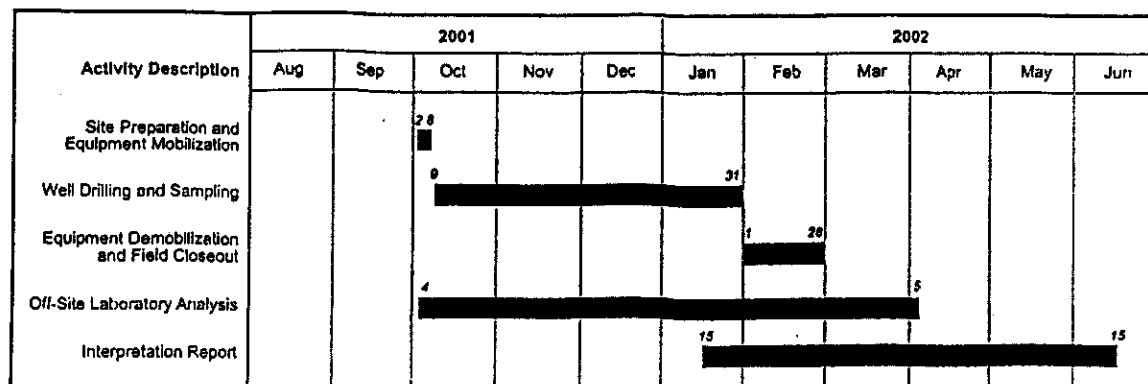


Figure 1-2. Map of Well Location Within Plutonium Finishing Plant Complex (from DOE/RL-2001-37, Rev. 0).

